

Form PTO-1449 (Rev.)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 13761 US3 (C038435/0174681)	SERIAL NO. 10/763,933
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Yasuhiro FURUICHI, <i>et al.</i>	
		FILING DATE January 23, 2004	GROUP not yet assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Cite No.	U.S. Patent Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CJD	A1	5,096,823	3/1992	Gloeckler, <i>et al.</i>			
	A2	5,922,581	7/1999	Hoshino, <i>et al.</i>			
	A3	6,361,978	3/26/02	Hoshino, <i>et al.</i>			
	A4	6,277,609	8/2001	Eddy			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
CJD	B1	EP 0 747 483	12/1996	Europe				
	B2	EP 0 635 572	1/1995	Europe				
	B3	EP 0 799 895	10/1997	Europe				
	B4	WO 94/08023	4/1994	PCT				
	B5	WO 87/01391	3/1987	PCT				
	B6	EP 0 375 525	6/1990	Europe				

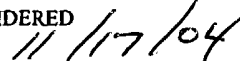
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CJD	C1	Clardy, <i>et al.</i> , "Deletion and Complementation Analysis of the Biotin Gene Cluster of <i>Escherichia Coli</i> ," <i>J. Bacteriol.</i> , 112:830-839 (1972)
	C2	Barker, <i>et al.</i> , "Use of bio-lac Fusion Strains to Study Regulation of Biotin Biosynthesis in <i>Escherichia Coli</i> ," <i>J. Bacteriol.</i> , 143: 789-800 (1980)
	C3	Tanaka, <i>et al.</i> , "Site-Specific In vitro Binding of Plasmid pUB110 to <i>Bacillus subtilis</i> Membrane Factor," <i>J. Bacteriol.</i> , 154: 1184-1194 (1983)
	C4	Otsuka, <i>et al.</i> , "The <i>Escherichia coli</i> Biotin Biosynthetic Enzyme Sequences Predicted from the Nucleotide Sequence of the bio Operon," <i>J. Biol. Chem.</i> , 263:19577-19585 (1988)
	C5	Smith, "In vitro Mutagenesis," <i>Ann. Rev. Genet.</i> , 19: 423-462 (1985)
	C6	Haima, <i>et al.</i> , "The Effect of Restriction on Shotgun Cloning and Plasmid Stability in <i>Bacillus subtilis</i> Marburg," <i>Mol. Gen. Genet.</i> , 209:335-342 (1987)
	C7	Maniatis, <i>et al.</i> , "Transformation of <i>Escherichia Coli</i> by Plasmid DNA," <i>Molecular Cloning</i> , Cold Spring Harbor Laboratory Press, New York, pp. 252-253 (1982)

EXAMINER



DATE CONSIDERED



Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C70	C8	Derwent Abstract No. 86-216622 of Japanese Patent Kokai 149091/1986
	C9	Derwent Abstract No. 87-231579 of Japanese Patent Kokai 155081/1987
	C10	Derwent Abstract No. 90-226023 of Japanese Patent Kokai 180174/1991
	C11	Derwent Abstract No. 90-072971 of Japanese Patent Kokai 27980/1990
	C12	Derwent Abstract No. 91-358298 of Japanese Patent Kokai 240489/1991
	C13	Derwent Abstract of EP 375 525
	C14	Gloeckler <i>et al.</i> Accession A025679 (1994)
	C15	Ponting, C.P., "Issues in Predicting Protein Function from Sequence," <u>Brief. Bioinform.</u> 2(1):19-29 (2001)
	C16	Attwood, T.K., <i>et al.</i> " Which Craft is Best in Bioinformatics?" <u>Comput. Chem.</u> , 25(4):329-339 (2001)
EXAMINER <i>Christopher T. Wanda</i>		DATE CONSIDERED 11/17/04
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